

Curriculum Vitae

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Date of Birth : 27/11/1984



Rimsky Cheng is a man of curiosity, interested in almost everything, and would not hesitate to learn them.

- Worked as Documentation and Electronics Engineer in Allied Control Limited
 - Handle all Assembly Guides, User Manuals for immersion cooling products.
 - Design, Test and Implement customized electronics circuits for immersion cooling products.
 - Assist in Quality Control and Performance Test of mining rig and immersion cooling products.
- Worked as Technical Writer in OSRAM
 - **Handle all Technical Documentations in APAC Product Portfolio includes Technical Specification, Mounting Guide, Installation Guide and Wiring Diagram of LED Fixtures.**
 - **Support and liaison between Sales and R&D in all sorts of documents request.**
 - **Manage product portfolio and conduct product training for Sales.**
- Worked as Electronic Engineer in Googolplex Electric Company Limited
 - **Design Power Distribution Module for automotive application.**
 - **Field Support and training customers in Australia on how to operate the products, troubleshooting, firmware upgrade, etc.**
 - **Write and review Technical Specification(s), Test Plan(s) for the relevant product(s).**
- Worked as Technical Writer in Hongkong International Terminal (HIT).
 - Responsible for the documentation of Terminal Operation System (TOS) – Next Generation Terminal Management System. Works include **User Manual, Release Notes** and **Demo Video**. (using IBM DOORS/ Microsoft Office/Visio/**Captivate**)
- Worked as Technical Writer in Appotech Ltd, a fab-less semiconductor design house focus on micro-controller development.

- Responsible for the documentation of integrated circuit. Works include **System Specification, User Manual** and **Quick Start Guide**, etc.
- Administrative and document control role (using SugarCRM), **liaison with developers / designers from China and USA**, patent review.

Documentation Tools: **IBM DOORS, Openoffice, Microsoft Office/Visio, SugarCRM, Indesign, Illustrator, Photoshop, Captivate**

Expected Salary : Equal or greater than HK\$ 45,000/M – 13 Months

Education and Qualifications

Period	Qualifications
2010-2012	The Hong Kong Polytechnic University MASTER OF SCIENCE IN ELECTRONIC AND INFORMATION ENGINEERING PASS WITH CREDIT (2012) <ul style="list-style-type: none"> • VLSI System Design (EIE511) • Digital Data Transmission (EIE528) • Digital Signal Processing (EIE541) • Consumer Electronics (EIE545) • Digital Audio Processing (EIE563) • Advanced Power Semiconductor Devices and Design Criteria For Applications (EIE583) • Satellite Communications - Technology and Applications (EIE509) • Dissertation (EIE590)
2005-2009	The Hong Kong Polytechnic University BACHELOR OF ENGINEERING IN ELECTRONIC AND INFORMATION ENGINEERING 2ND CLASS (DIV 2) HONS (2009) BACHELOR OF SCIENCE IN ENGINEERING PHYSICS 2ND CLASS (DIV 2) HONS (2009)
2008	International English Language Testing System (IELTS) Overall Band Score 7.0 Listening 7.5 Reading 8.0 Writing 6.5 Speaking 6.5
1998-2004	TWGHs Wong Fut Nam College Sixth Form
1999	Associated Board Royal School of Music (ABRSM) Grade 8 Piano Certificate

Examination	Result	
HKCEE(2001,2002)	Chinese Language	D
	English Language (Syllabus B)	C
	Biology	B
	Chemistry	A
	Physics	B
	Mathematics	B
	Additional Mathematics	B
	Computer Studies	B
HKAL(2004,2005)	Advanced Level :	
	Chemistry	E
	Physics	E
	Pure Mathematics	D
	Advanced Supplementary Level:	
	Use of English	C
	Chinese Language and Culture	D

Technical Writer at Traxon Technologies Limited (12/2013 – 05/2017)

1. Handle all Technical Documentation includes Technical Specification, Mounting Guide, Installation Guide and Wiring Diagram of LED Fixtures.
2. Support and liaison between Sales and R&D in all sorts of documents request.
3. Manage product portfolio and conduct product training for Sales.

Electronic Engineer at Googolplex Electric Company Ltd (09/2012 – 12/2013)

1. Field Support and training customers in Australia on how to operate the products, troubleshooting, firmware upgrade, etc.
2. Lead Project(s) for Automotive Aftermarket Equipment selling exclusively in Australia.
3. Handle and allocate tasks to ensure project progress in time involving: Prototype Test, PCB Design, Firmware Development, Manufacturing.
4. Write and review Technical Specification(s), Manufacturing Document(s), Test Plan(s) for the relevant product(s).
5. Automotive Aftermarket Goods Import / Export, Components Sourcing.
6. Website, Contract, Liaison / Administration with external parties.

Technical Writer in Hongkong International Terminals (07/2011 – 09/2012)

1. Responsible for the documentation of Terminal Operation System (TOS) – Next Generation Terminal Management System. Works include User Manual, Release Notes and Demo Video.
2. Using Telelogic DOORS for documentation administration.

Technical Writer in AppoTech Ltd. (08/2010 – 07/2011)

1. Document Management and Control Using OpenKM, SugarCRM.
2. Responsible for the documentation of integrated circuit. Works include System Specification, User Manual and Quick Start Guide, etc.
3. Administrative and document control role (using SugarCRM), liaison with developers / designers from China and USA, patent review.
4. PIC12, SAM8 Compatible Core Application Development.
5. Patent Writing and Review.
6. OpenRISC Development.

Intern (Research) in Department of Management and Marketing, PolyU (07/2009 – 07/2010)

1. Draft Technical Specification of RFID Reader based on LLRP Communication Protocol.
2. Smart Energy Metering.
3. Zigbee Wireless Network System Design and Deployment based on IEEE 802.11.4.
4. Hardware and Software Development. (Zigbee Coordinator/Node interface with various sensors.)

Language Skills

Language	Fluency
English	Fluent
Chinese	Fluent
Russian	Advanced

General Skills

Technical Writing	Microsoft Office/Visio, Template Creation/Editing, Openoffice, Illustration, Indesign, Photoshop, SugarCRM, Captivate
Programming	Visual Basic, C/C#, Embedded C, 80x86/PIC Assembly, 8051 Assembly, MIPS Assembly, Zigbee Stacks (Texas Instrument Z-Stack)

Interests and Activities

Wired Communication

Implemented several embedded HTTP servers using Microchip's PIC18F processor with Ethernet capabilities.

Wireless Communication

Keen interest in wireless development in which his final year project is about a wireless headphone. He had been working on both 868/915MHz and 2.4GHz ISM band transceivers like CC1000 and nRF2401A. He is also interested in Zigbee Network, works involved Microchip MRJ24J40 and TI CC2430/CC2530.

Power Electronics

Designing and experimented with various power supply circuit Switched-Capacitor and Switching DC-DC power converter. His MSc Dissertation is about research and investigation of a new type of power converter. (Please refers to **Project Portfolio** for more details.)

Others

Take up freelance jobs and work for university students from other disciplines, in one example, helping students from Mechanical Engineering with their final year project: Fan Controller implemented in a 32 bit Core MCU.

Strong interest in Russian language which he intend it to be his third spoken language. He also have a general interest in history, political theory, language and poetry.

Project Portfolio

MSc Dissertation

“A Switched-Capacitor Based Large-Voltage-Gain Power Converter”

A topology of two-stage large-voltage-gain switched-capacitor based power converter is proposed and presented. The topology structure is divided into two stages with one stage using a switched-capacitor power converter and another stage using a hybrid switched-capacitor-buck converter. The converter is capable of converting a relatively high voltage into a relatively low voltage without the use of a transformer.

Safe Guard 64



Device designed and manufactured for Ashdown-Ingram OEX brand. Designed to be used in Mining Trucks as a Safety Device. It combines 3 functions in a box:

1. Daytime Running Light Controller
2. Park Brake Alarm
3. Momentary Switch Box

PowerMate 15



PowerMate 15 is a digital switching solution developed for the transportation market. It is a Power Distribution Module is used to control various electrical devices installed on typical heavy truck, including:

1. Work Light, Front Light, Hi / Lo Beam, Position Light with ON / OFF and PWM Dimming;
2. Automatically turn ON Beacon, Horn and other Warning Light when danger situation occurs;
3. Control the turn ON of potentially dangerous devices like PTO and Park Brake Solenoids;
4. Interface with different devices and sensors through digital and analog input channels.
5. Monitoring the truck conditions by listening through CAN Bus broadcasting.

Customer include Oregon Energy, Oricia and other local and multinational companies around Brisbane.